

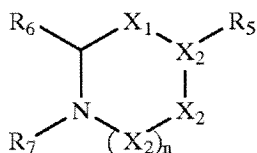
**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

Claims 1-73 (cancelled)

Claim 74 (currently amended): A peptidomimetic of ~~claim 73~~ having the formula:



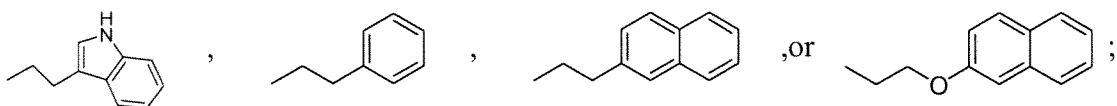
wherein

$X_1$  is  $(CH_2)_m$  ~~or  $X_3$~~ ;

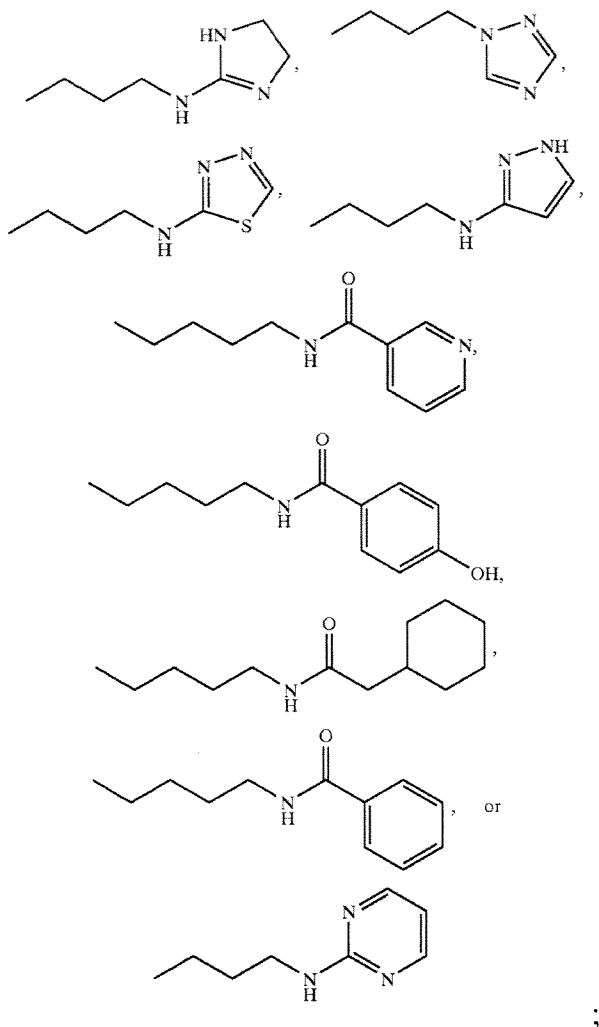
$X_2$  bearing the  $R_5$  substituent is ~~independently  $CH_2$  or N~~ and all other  $X_2$  are  $CH_2$ ;

~~$X_3$  is  $C=O$ ;~~

$R_5$  is



$R_6$  is  $-(CH_2)_4NH_2$ ,  $-(CH_2)_3NHC(NH_2)=NH$ ,  $-(CH_2)_3NHCOCH_3$ ,  $-(CH_2)_3NHCOOCH_3$ ,  
 $-(CH_2)_2NHC(NH_2)=NH$ ,  $-(CH_2)_2NHCONH_2$ ,  $-(CH_2)_4NHCOH$ ,  $-(CH_2)_4NHCOCH_3$ ,  
 $-(CH_2)_3NHCONHCH_3$ ,  $-(CH_2)_3NH SO_2NH_2$ ,  $-(CH_2)_3NH SO_2CH_3$ ,  $-(CH_2)_3NH_2$ ,  
 $-(CH_2)_2CONH_2$ ,  $-(CH_2)_3NH(C=NH)NHMe$ ,  $-(CH_2)_3NH(C=NH)NH Et$ ,  
 $-(CH_2)_3NH(C=NH)NHPr$ ,  $-(CH_2)_3NH(C=NH)NHPr-i$ ,  $-(CH_2)_3NH(C=NH)NH_2$ ,  
 $-(CH_2)_4NHCONH_2$ ,  $-(CH_2)_4NH(C=NH)NH_2$ ,



R<sub>7</sub> is R<sub>9</sub>-R<sub>8</sub>-, where

R<sub>8</sub> is an L- or D-configuration of Phe, Phe(2-Cl), Phe(4-Cl), Phe(2,4-diCl), Phe(3,4-diCl), Phe(4-NO<sub>2</sub>), Phe(4-Me), Phe(4-Phenyl), HPhe, Pgl, Trp, Nal 1, Nal 2, Bip, Dip, Bpa, Ser(Bzl), Lys(Z), Lys(Z-2'Br), Lys(Bz), Thr(Bzl), Cys(Bzl), Tyr(BzlCl<sub>2</sub>), pF-Phe, Phe(4-Br), Phe(4-CF<sub>3</sub>), Phe(3,4-diF), Phe(4-I) or Phe(3,4-di-OMe); and

R<sub>9</sub> is optionally not present or is an L- or D-configuration of His, Ser(Bzl), Tic, heptanoyl-Ser(Bzl), hexanoyl-Ser(Bzl), Hyp(Bzl), 4-phenylPro, 5-phenylPro, Tiq, Atc, Igl, Hyp(O-2-Naphthyl), Hyp(O-Phenyl), 2-Aic, Idc, 1-Aic, NH<sub>2</sub>(CH<sub>2</sub>)<sub>6</sub>CO-, Benzyl, Beta-homoSer(Bzl), Ser(O-2-Naphthyl), Ser(O-Phenyl), Ser(O-4-Cl-Phenyl),

Ser(O-2-Cl-Phenyl), Thr(Bzl), Tic, heptanoyl-Thr(Bzl), hexanoyl-Thr(Bzl),  
Beta-homoThr(Bzl), Thr(O-2-Naphthyl), Thr(O-Phenyl), Thr(O-4-Cl-Phenyl) or  
Thr(O-2-Cl-Phenyl); and

n is 1; and

m is 1.

Claims 75-77 (cancelled)

Claim 78 (currently amended): A pharmaceutical composition comprising a  
peptidomimetic of claim 74 ~~any one of claims 73-77~~ and a pharmaceutically acceptable carrier.

Claim 79 (currently amended): A method of treating a disease or condition comprising  
administering a peptidomimetic of claim 74 ~~any one of claims 73-77~~, wherein the disease or  
condition is an eating disorder, pathologic obesity, or sexual dysfunction.

Claim 80 (previously presented): The method of claim 79, wherein the sexual  
dysfunction is male erectile dysfunction or female sexual dysfunction.

Claim 81 (previously presented): The method of claim 79, wherein the peptidomimetic is  
administered as a pharmaceutical composition together with a pharmaceutically acceptable  
carrier.